

What is claimed is:

1. An elastic member for absorbing a vibration of a driving device, the elastic member comprising:

a body having a hollow axially passing through a central
5 portion of the body and a plurality of grooves enclosing an interior surface and an exterior surface thereof; and

a base being a lower portion of the body and mounted on a base support part,

wherein the body is shaped to have a vertical section in a
10 zigzag, and the interior and exterior grooves are shaped to have sections that grow wider as it travels from an inner side to an outer side of the grooves.

2. The elastic member of claim 1, wherein the interior and
15 exterior grooves are shaped to have tapered sections linearly growing wider toward the outer side thereof.

3. The elastic member of claim 1, wherein the interior and exterior grooves are shaped to have rounded sections growing
20 wider toward the outer side thereof.

4. The elastic member of claim 1, wherein the base has a groove enclosing the interior surface thereof.

5. The elastic member of claim 1, which is formed of rubber.

6. The elastic member of claim 5, wherein the interior and exterior grooves are shaped to have tapered sections linearly growing wider toward the outer side thereof.

7. The elastic member of claim 5, wherein the interior and exterior grooves are shaped to have rounded sections growing wider toward the outer side thereof.

8. The elastic member of claim 5, wherein the base has a groove enclosing the interior surface thereof.

9. A vibration absorbing apparatus for a compressor of a refrigerator, the apparatus comprising:

an elastic member having a body having a hollow axially passing through a central portion of the body and a plurality of grooves enclosing an interior surface and an exterior surface thereof and a base being a lower portion of the body, for absorbing a vibration of a compressor mounted on the elastic member;

a base pan supporting the elastic member;

a stand coupled to the base pan and penetrating the hollow of the elastic member; and

a stopper installed in an upper portion of the stand to prevent the elastic member from being escaped from the base pan,

5 wherein the body is shaped to have a vertical section in a zigzag, and the interior and exterior grooves are shaped to have sections that grow wider as it travels from an inner side to an outer side of the grooves.

10 10. The vibration absorbing apparatus of claim 9, wherein the interior and exterior grooves are shaped to have tapered sections linearly growing wider toward the outer side thereof.

11. The vibration absorbing apparatus of claim 9, wherein
15 the interior and exterior grooves are shaped to have rounded sections growing wider toward the outer side thereof.

12. The vibration absorbing apparatus of claim 9, wherein
20 the elastic member has a groove enclosing the interior surface of the base.

13. The vibration absorbing apparatus of claim 9, wherein the elastic member is formed of rubber.

14. The vibration absorbing apparatus of claim 13, wherein the interior and exterior grooves are shaped to have tapered sections linearly growing wider toward the outer side thereof.

5 15. The vibration absorbing apparatus of claim 13, wherein the interior and exterior grooves are shaped to have rounded sections growing wider toward the outer side thereof.

10 16. The vibration absorbing apparatus of claim 13, wherein the elastic member has a groove enclosing the interior surface of the base.

17. A refrigerator comprising:

an outer case;

15 a cooling system having a compressor, an inner heat exchanger, a refrigerant expansion unit, and an outer heat exchanger; and

a vibration absorbing apparatus having an elastic member, a base pan supporting the elastic member, a stand coupled to the
20 base pan and penetrating the hollow of the elastic member, and a stopper installed in an upper portion of the stand to prevent the elastic member from being escaped from the base pan, the elastic member having a body having a hollow axially passing through a central portion of the body and a plurality of grooves enclosing

an interior surface and an exterior surface thereof and a base being a lower portion of the body, for absorbing a vibration of the compressor mounted on the elastic member,

5 wherein the body is shaped to have a vertical section in a zigzag, and the interior and exterior grooves are shaped to have sections that grow wider as it travels from an inner side to an outer side of the grooves.

10 18. The refrigerator of claim 17, wherein the elastic member is formed of rubber.

15 19. The refrigerator of claim 18, wherein the interior and exterior grooves are shaped to have tapered sections linearly growing wider toward the outer side thereof.

20. The refrigerator of claim 19, wherein the elastic member has a groove enclosing the interior surface of the base.